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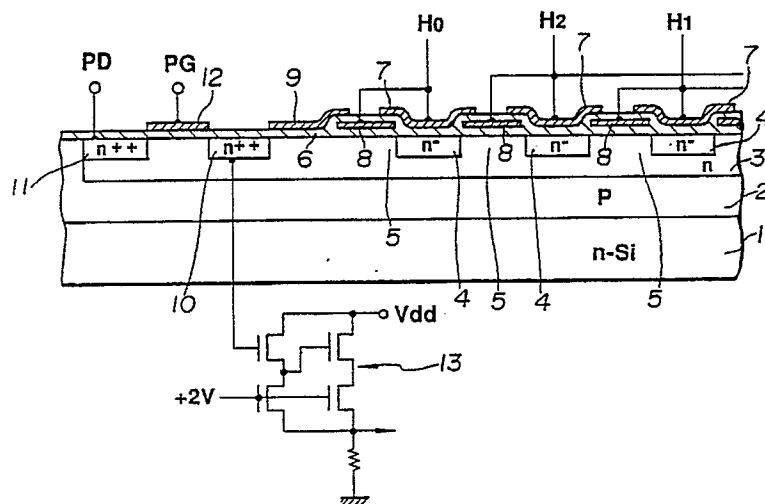
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54 Apparatus for transferring electric charges.

(57) A charge transferring apparatus comprising, e. g., a buried type charge coupled device in which a pair of transfer electrodes (7, 8) located at the most downstream point of a charge transfer direction is driven by a drive pulse (H_0) other than that (H_1, H_2) for any other pair of transfer electrodes and a poten-

tial well formed at the pair of the transfer electrodes located at the most downstream point is made shallower than that at any other pair of transfer electrodes allowing the output dynamic range of a charge transfer device to be increased for improving the output quality.

FIG. 1



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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	US-A-4 603 426 (SAUER) * Column 2, lines 19-57; figures 1,3 * - - -	1-5,11,12	G 11 C 19/28 H 01 L 29/796
A		6-10	
A	EP-A-0 192 142 (TOSHIBA) * Page 5, line 15 - page 9, line 37; figures 1-3 * - - - - -	1-12	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			G 11 C 27 G 11 C 19
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 08 April 91	Examiner LINDQUIST J.W.
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention</div> <div>E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document</div>			